

CLAIMS

What is claimed is:

1. A liquid crystal device comprising:

5 a pair of substrates, each having an opposing face opposing each other with liquid crystal interposed therebetween, the opposing faces being provided with electrodes;

10 a protruding portion provided on one of said pair of substrates protruding toward the outside from the other substrate;

aluminum electrodes formed on the protruding portion, and said aluminum electrodes electrically connected with said electrodes; and

15 an overcoat layer of an inorganic substance covering the aluminum electrodes.

2. A liquid crystal device according to Claim 1, further comprising an insulating layer covering the electrodes formed on one of said pair of substrates, wherein the overcoat layer is formed as the same layer as the  
5 ~~insulating layer.~~

3. A liquid crystal device according to one of Claim 1, wherein the overcoat layer is formed by means of a sol-gel reaction.

4. A liquid crystal device according to Claim 1, wherein the electrodes formed on one of said pair of substrates are composed of aluminum and are formed as the same layer as the aluminum electrodes.

5 5. A liquid crystal device according to Claim 1, wherein the aluminum electrodes are provided with terminal portions to be connected with external circuit connecting portions, and the overcoat layer is formed so as to not cover the terminal portions.

5 6. A liquid crystal device according to Claim 5, wherein the terminal portions and the external circuit connecting portions are connected to each other via an anisotropic conductive film provided at the terminal portions.

5 7. A liquid crystal device according to Claim 6, wherein the terminal portions and the external circuit connecting portions are interconnected in a state in which a part of the overcoat layer is overlaid with a part of the anisotropic conductive film.

8. A liquid crystal device according to Claim 7,  
wherein the terminal portions and the external circuit  
connecting portions are interconnected in a state in which  
there is an area at which the overcoat layer and the  
5 connecting portions overlap each other.

9. A liquid crystal device according to Claim 7,  
wherein the terminal portions and the external circuit  
connecting portions are interconnected in a state in which  
edge faces of the overcoat layer and the connecting portions  
5 oppose each other.

10. A liquid crystal device according to Claim 7,  
wherein a part of the anisotropic conductive film is  
provided so as to be overlaid on a part of the overcoat  
layer, and then the anisotropic conductive film is melted,  
5 whereby the terminal portions and the external circuit  
connecting portions are connected with each other.

11. A liquid crystal device according to Claim 7,  
wherein the anisotropic conductive film is provided so as to  
not be overlaid on the overcoat layer, and then the  
anisotropic conductive film is melted to flow so that a part  
5 of the overcoat layer is overlaid with a part of the  
anisotropic conductive layer, whereby the terminal portions  
and the external circuit connecting portions are connected  
with each other.

12. An electronic apparatus comprising a liquid crystal  
device according to claim 1 as display means for displaying  
images.

13. A liquid crystal device comprising:  
a first substrate having a first face;  
a first electrode on said first face;  
a second substrate having a second face opposite

5 said first face;

a second electrode on said second face;

liquid crystal interposed between said first and  
second faces;

a protruding portion of said first substrate  
10 protruding outboard of said second substrate;

aluminum electrodes formed on the protruding  
portion and connected to said first and second electrodes;  
and

an overcoat layer of an inorganic substance  
15 ~~covering the aluminum electrodes.~~

14. The liquid crystal device of claim 13 wherein said  
overcoat layer forms an insulating layer over said first  
electrode.

15. The liquid crystal device of claim 13 wherein said  
aluminum electrodes include terminal portions extending  
beyond said overcoat layer.

16. The liquid crystal device of claim 15 further comprising an anistropic conductive film connecting said terminal portions and an external circuit connecting portion.

*del*  
17. The liquid crystal device of claim 16 wherein said anistropic conductive film overlaps part of the overcoat layer.  
*B,*

*del*  
18. The liquid crystal device of claim 17 wherein an edge of said anistropic conductive film abuts an edge of said overcoat layer.  
*del*  
*del*  
*A3*